

Decision Support Briefing

Southeast River Forecast Center



Decision Support Briefing Hydrologic Vulnerability Assessment



Issued: 12:07 PM ET Tuesday, March 23, 2021



Weather Ready Nation



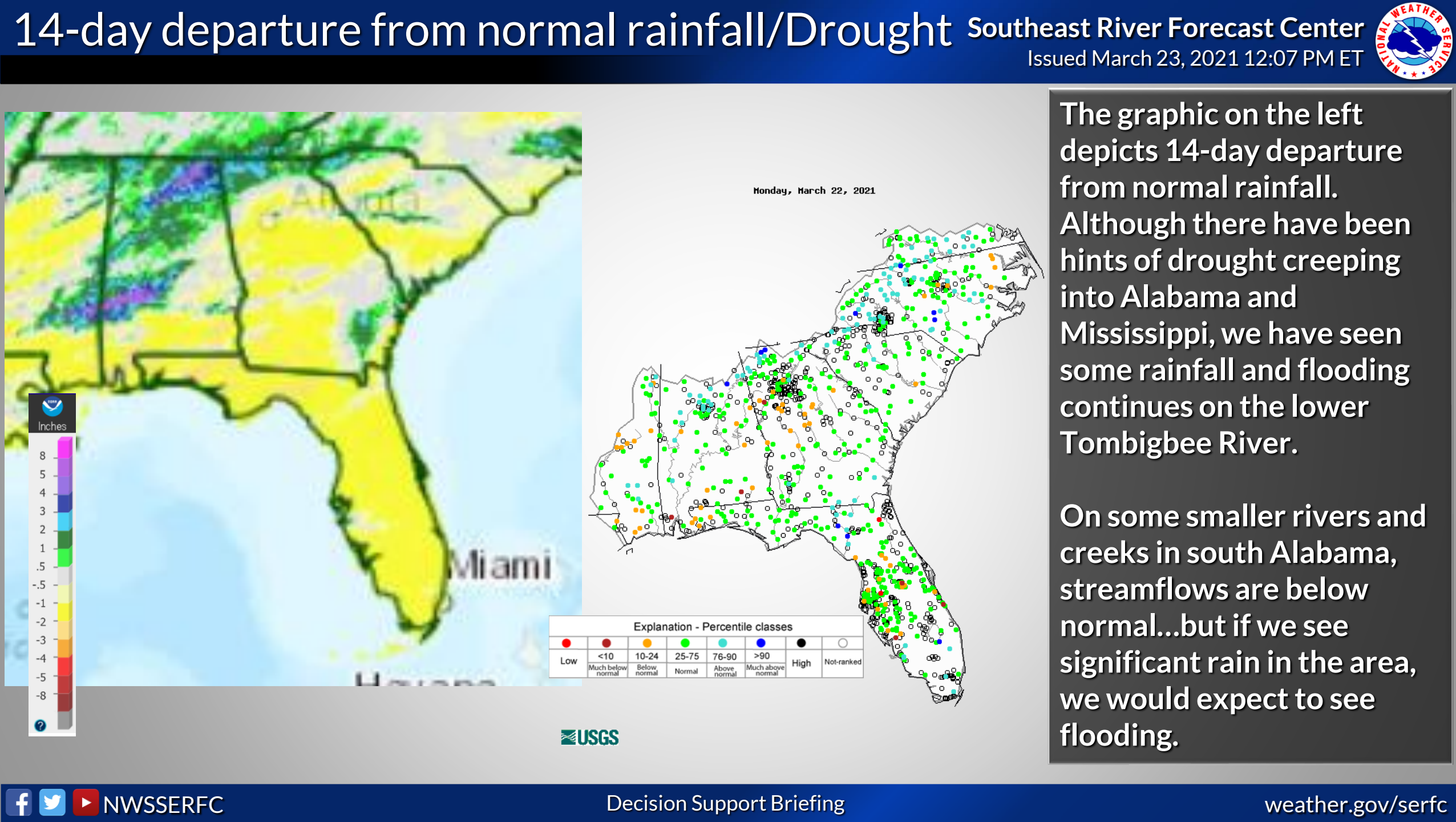
NWSSERFC



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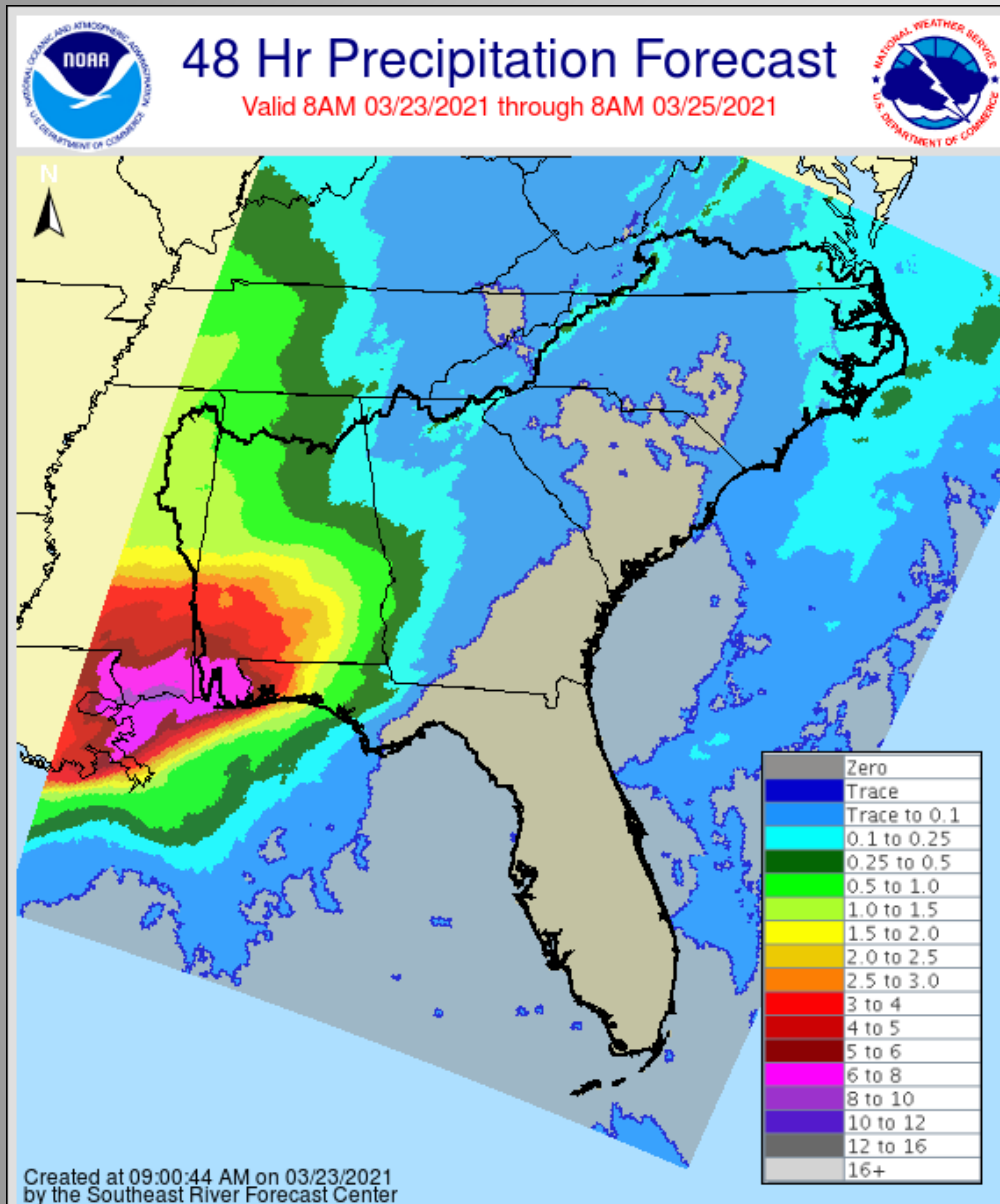
- **A warm front will linger along the gulf coast bringing heavy rainfall to south Alabama and the extreme western Florida panhandle over the next 2 days.**
- **Flash and urban flooding, as well as some minor flooding and a moderate flood is possible possible in southwest Alabama.**
- **The SERFC will be watching for flooding outside that area along the Gulf Coast as the week progresses.**



48-hour Precipitation Forecast

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Heavy rain is forecast for a very focused area of southwest Alabama and the extreme western panhandle of Florida.

This is the current 48 hour forecast from the SERFC and forecasts were issued based on this information.



Here is the current depiction of river forecast based on the 48-hour rainfall.

Many action stage, a few minor floods and one moderate flood forecast has been issued based on past and forecasted future rainfall.

Stay aware of changes to forecasts in the coming days

SERFC web address:

<https://www.weather.gov/serfc/>

Or the Weather Forecast Office Mobile:

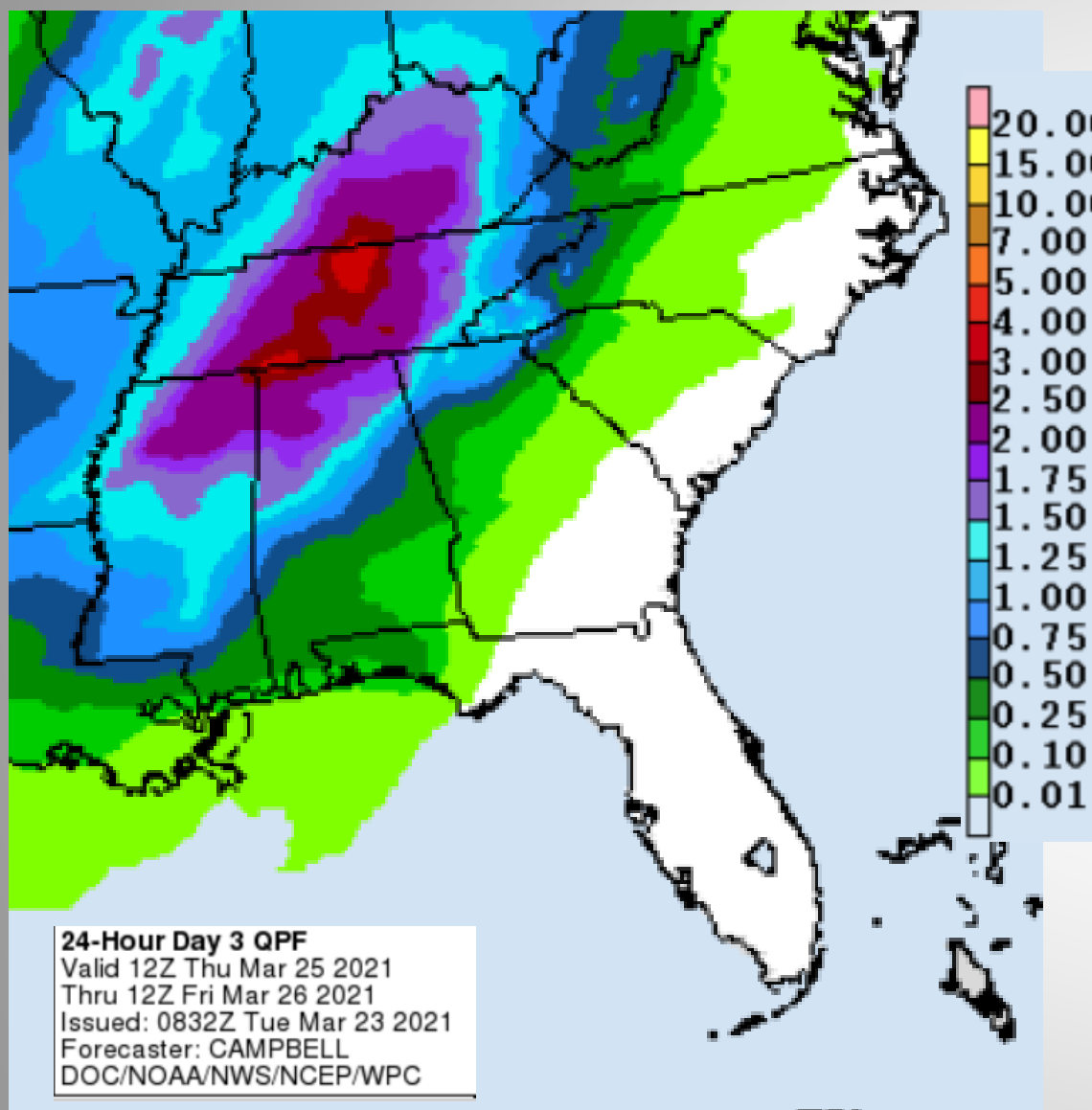
<https://www.weather.gov/mob/>

Day 3 Precipitation Forecast

8 am Thursday – 8 am Friday

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Day 3 rainfall forecast from Thursday morning through Friday morning. The rainfall is expected to move further inland...with the heaviest remaining in Mississippi and Alabama.

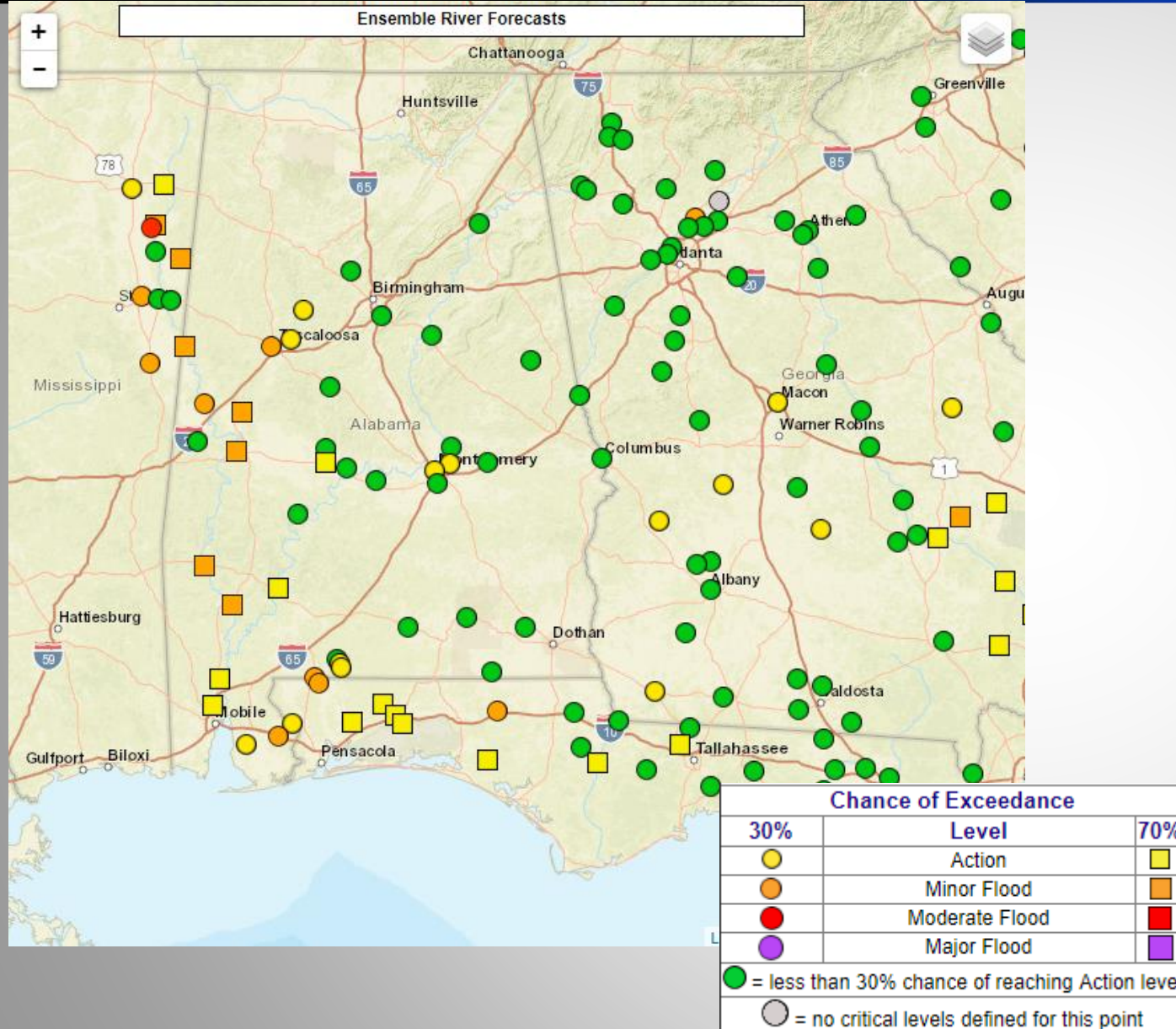
Please continue to monitor our forecasts for changes that could affect your community.

Ensemble Forecasts (MMEFS)

MMEFS

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The Meteorological Model Ensemble Forecast System (MMEFS), to the left, is using the NAEFS model and addresses uncertainty in the longer lead rainfall forecast that helps to provide a confidence level for potential flooding. The NAEFS runs in our model every 12 hours.

Mostly minor flooding is possible as this area of rain moves north.

When looking at these, know that this is helpful in describing the uncertainty outside the 48-hour QPF window we use for the river forecasts.

To take a closer look. Here is the link to more detailed information:

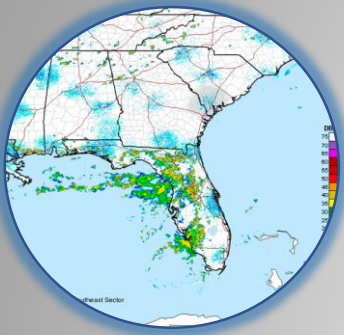
<https://www.weather.gov/erh/mmeefs>



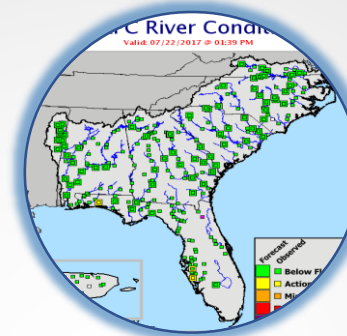
- SERFC will remain on 24-hour operations until further notice.
- The Daily Operational Support message will continue until further notice.

Latest River Stages and Forecasts
are available...click here!

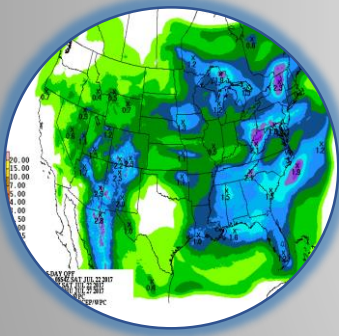
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



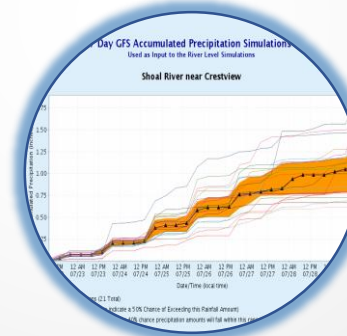
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



- *The Daily Operational Support Message will continue tomorrow to update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*